

Windbreak Interpretations

Farmstead windbreaks protect livestock, buildings, and yards from wind and snow. They also protect fruit trees and gardens, and they furnish habitat for wildlife. Several rows of low-growing and high-growing broadleaf and coniferous trees and shrubs provide the most protection.

Field windbreaks are narrow plantings made at right angles to the prevailing wind and at specific intervals across the field. The interval depends on the erodibility of the soil. Field windbreaks protect cropland and crops from wind, help to keep snow on the fields, increase crop yields, and provide food and cover for wildlife.

Each tree or shrub species has certain climatic and physiographic limits. Within these parameters a tree or shrub may be well or poorly suited because of soil characteristics. Each tree or shrub also has definable potentials of height growth based on the soil type and climate.

Information in this subsection, which includes windbreak suitability groups and a windbreak and environmental plantings table, can be used as a guide in planning windbreaks and screens.

This subsection includes:

- **(a) Trees and Shrubs for Windbreak and Environmental Plantings**

Pemiscot County, Missouri
Windbreaks and Environmental Plantings

(Absence of an entry indicates that trees generally do not grow to the given height.)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
Bp: Borrow pits-----	---	---	---	---	---
Ca: Caruthersville, FREQUENTLY FLOODED-----	American plum; blackhaw	possumhaw	eastern arborvitae; eastern redcedar; nannyberry; Washington hawthorn; white spruce	bur oak; common hackberry; green ash	---
Ch: Caruthersville variant, FREQ. FLOODED, SANDY SUBSTRATUM VARIANT-----	American plum; blackhaw	possumhaw	eastern arborvitae; eastern redcedar; nannyberry; Washington hawthorn; white spruce	bur oak; common hackberry; green ash	---
Cm: Commerce-----	---	---	---	---	---
Cr: Commerce-----	---	---	---	---	---
Cs: Commerce-----	---	---	---	---	---
Ct: Cooter, OCCASIONALLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
Crevasse, OCCASIONALLY FLOODED-----	---	---	---	---	---

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	<8	8-15	16-25	26-35	>35
Cu: Crevasse-----	---	---	---	---	---
Cv: CREVASSE, ACID VARIENT--	American plum; common lilac; fragrant sumac; gray dogwood	autumn olive; Washington hawthorn	blackjack oak; diospyros; eastern redcedar; jack pine	eastern cottonwood	---
Cw: Crevasse-----	---	---	---	---	---
Db: Dubbs-----	---	---	---	---	---
Dd: Dundee-----	---	---	---	---	---
De: Dundee-----	---	---	---	---	---
Dn: Dundee variant, THICK SURFACE VARIANT-----	---	---	---	---	---
Du: Dundee-----	---	---	---	---	---
Ha: Hayti, OVERWASH-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
Hc: Hayti-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood

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Hy: Hayti-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
Le: Orthents-----	---	---	---	---	---
LRd: Orthents-----	---	---	---	---	---
Po: Portageville-----	American plum; buttonbush	possumhaw; pussy willow	eastern arborvitae; eastern redcedar	black willow; common hackberry; honeylocust	---
Pr: Portageville-----	American plum; buttonbush	possumhaw; pussy willow	eastern arborvitae; eastern redcedar	black willow; common hackberry; honeylocust	---
Re: Reelfoot-----	---	---	---	---	---
Rf: Reelfoot, OVERWASH-----	---	---	---	---	---
Sa: Psamments, FREQUENTLY FLOODED-----	---	---	---	---	---
Sh: Sharkey-----	---	---	---	---	---
Sk: Sharkey, OVERWASH-----	---	---	---	---	---
Sm: Sharkey-----	---	---	---	---	---

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Sr: Sharkey-----	---	---	---	---	---
Crevasse-----	---	---	---	---	---
St: Steele-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
Tp: Tiptonville-----	---	---	---	---	---
W: Water-----	---	---	---	---	---
Wa: Wardell-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
Wd: Wardell-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood